

AMENDMENTS TO THE SPECIFICATION

Please replace the paragraphs beginning at page 7, line 9 to page 10, line 1, with the following rewritten paragraphs:

-- Referring to FIG. 1, there is shown a perspective view of a transporting device for a vertical-type thin circuit board etching machine according to the present invention. FIG. 2 is an exploded perspective view of a transporting device for a vertical-type thin circuit board etching machine according to the present invention. As shown in the figures, the transporting device includes a base plate 10, a transmission shaft 20, and a plurality of transmission units erected in linear formation and spaced apart on the base plate 10. The transmission shaft 20 passes through the other end of the base plate 10 supporting and connecting with the transmission unit modules 30, 40, 50 and one end of the transmission shaft 20 is connected to a power source such as electric motor 21 or combustion engine, and at places of the connection of the individual transmission unit modules 30, 40, 50, worm gear threads 22, 23, 24 are formed. All the transmission unit modules 30, 40, 50 are structurally the same. For clarity the transmission unit module 30 is used for explanation. The unit module 30 is located at the two sides of the worm gear threads 22, and from the base plate 10 moves upward to the through shaft 31 stacked onto a soft transmission clip rollers 32, 33, a plurality of support rollers 34A, 34B, 35A, 35B, ~~[[a]] two support roller frame frames~~ frames 38, 39, of ~~[[a]] two worm gear~~ 36, 37. The two worm gears 36, 37 are engaged with the worm gear threads 22. The roller face gap between two support rollers 34A, 35A, 34B, 35B is the distance of the stacked height of ~~[[the]] two support roller frame frames~~ frames 38, 39, which is the thickness and width of the cleansing-etching circuit board 60. The withheld circuit board 60 of the ~~bottom~~ base plate 10 is made of an etching-resistance rigid material. As shown in the figure, the ~~bottom~~ base plate 10 includes a flat plate 11 and a rail 12.

~~On the flat plate 11, the plastic is pushed back along the circuit board 60.~~ The rail 12 can be made of highly anti-corrosive plastic material such as glass or acid/alkali resistance plastic to form a seamless rail which can resist scratching at the edge of the circuit board, and is adhered to the surface of the flat plate 11 with an adhesive or by engagement. Practically, the base plate 10 is fabricated integrally into a flat plate 11 and a rail 12 by using a single block undergoing an engraving or injection molding process.

Thus, the plate face of the flat plate 11 will pass through the shaft end of a protruded shaft hole seat 13. Within the shaft hole, a bearing 14 of the shaft end has to mount only the corresponding shaft 31. As a result, the shaft end is fitted to individual shaft 13.

Further, the individual support rollers 34A, 34B, 35A, 35B and the soft transporting clip rollers 32, 33 are integrally and vertically extended, along the center line of the rollers, from the shaft ~~tube~~ tubes 32a, 33a, 34a, 35a, and the center of the shaft tubes 32a, 33a, 34a, and 35a are provided with shaft holes 32b, 33b, 34b, 35b for the shaft 31 to pass through and be firmly inserted. After that the two end tube openings of the shaft tubes 34a, 35a of the individual support rollers 34A, 34B, 35A, 35B are formed into crown shaped engaging slots 34C, 35C, 34d, 35d. Any of the two stacked support rollers 34A, 34B or 35A, 35B are mutually engaged by the engaging slots 34C, 35C, 34d, 35d of the two stacked shaft tubes, such that with respect to transmission efficiency, all the rollers rotate synchronously, and the number of units of the support rollers 34A, 34B, 35A, 35B or the soft transporting clip rollers 32, 33 can be added or reduced, facilitating partial disassembly for maintenance, or for adjustment of the stacked height of the rollers along the shaft so as to match the height of different circuit boards, which allows all sizes of circuit boards to be transported. Thus, in the course of maintenance or expansion, the

structure of the present invention provides convenient assembly and flexible in application. --